

New Method of Analyzing Sodium Phenolates, by
N. A. Gruzdeva, L. A. Khokhlova, 5 pp.

RUSSIAN, per, Koks i Khim, No 8, 1960, pp 48-51.

CTRA

Sci

Mar 61

141,906

Method for Determining Nitric Oxide in Coke Oven
Gas, by N. A. ~~Grum~~ Gruzdeva, L. A. Khokhlova, 4 pp.

RUSSIAN, per, Koks i Khimiya, No 4, 1960.

Coal Tar Research Assoc

Sci
Oct 60

128,387

The Clinical and Radiological Diagnosis
of Sarcoma of the Rib, by M. P.
Chernozordikova, M. A. Khokhlova, 7 pp.

RUSSIAN, per, Voprosy Onkologii, Vol IV, No 1,
1958, pp 73-79.

Pergamon Inst

Sci - Med

Apr 59

84,654

The Diagnosis of Aleukaemic Reticulosis, by G. V. Osochenskaya, M. P. Khokhlova, 9 pp.

RUSSIAN, per, Problemy Gematologii: Papel Krovi, Vol III, No 2, 1958, pp 19-25.

Pergamon Press

Sci - Med

Sept 59

96,749

The Pathological Anatomy of Multiple Myeloma,
by M. P. Khokhlova, 10 pp.

RUSSIAN, part, Problemy Gematologii i Pereliveniya
Krovi, Vol IV, No 5, 1959, pp 18-26

Pergamon Press

Sci

Feb 60

108, 112

NY-1353

Concerning Certain Complications in X-Ray Therapy, by
N. A. Krayevskiy, N. M. Nemenova, M. P. Khokhlova,
Yu. I. Loriye, N. A. Probatova, 18 pp. UNCLASSIFIED

RUSSIAN, mo per, Arkh Patol, Vol XIX, No 9, Moscow,
Sep 1957, pp 15-26.

⁴⁵
~~SECRET~~ JPRS/NY-L-112

Sci - Medicine, radiation sickness

61,861

The Fixation of Proteases by Wool, by
V. N. Orekhovich, O. S. Khokhlova, M. P.
Chernikov, 4 p.

RUSSIAN, per, Biokhim, Vol XXIV, No 2, 1959,
pp 353-356.

CB

Sci
Jan 60

105,981

37
He I Excitation in Chromospheric Flares, by
N. Stashenko, V. Khokhlova.
RUSSIAN, per, Iz Krymskaya Astrofizicheskaya
Observatoriya, Vol XXVII, 1962, pp 120-139.
CSIRO/No 6541

Sci - Phys
Apr 64

253,364

Infrared Radiation Coefficients and Differences in
the Parameter $\psi = (kpc)^{-1/2}$ for the Seas and
Continents on the Moon's Surface, by M. N. Markov,
V. L. Khokhlova, et al, 7 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLVII,
No 4, Aug 964, pp 826-829.
JPRS 265321

22

Sci - Ear Sci & Astron
Oct 64

267,919

The Spectroscopy of Solar Flares With Echelette
Gratings, by A. B. Severnyi, N. P. Steshenko,
V. L. Khokhlova, 12 pp.

RUSSIAN, per, Astron Zhur, Vol XXXVII, No 1, 1960,
pp 23-31.

AIP
Sov Astron - AJ
Vol IV, No 1

Sci
Oct 60

130,383

Coefficients of Emission in the Infrared Region of
the Spectrum and Differences in the Parameter
 $\epsilon(\lambda)^{1/2}$ for the Sea and Continent Regions
of the Lunar Surface, by M. N. Markov, V. L.
Khokhlova, 4 pp.

RUSSIAN, Izv. Akad. Nauk SSSR, Physics Section,
Vol. CLVII, No. 4-6, Aug. 1964, pp. 826-829.

Amer Inst of Phys
Sov Phys-Doklady
Vol IX, No 8

Mar 65
Sci

278,614

A Spectrophotometric Investigation of the H and K
Ca Lines in the Chromosphere and Solar Faculae, by
V. L. Khokhlova, 10 pp.

RUSSIAN, per, Astron Zhur, Vol XXXVI, No 1,
1959, pp 54-64.

AIP
Vol III, No 1

Sci - Astron

Oct 59

100,165

News of Science. International Symposium on
Antibiotics, by G.K. Skryabin, I.V. Konova,
Yu.M. Khokhlova, 3 pp.

RUSSIAN, per, Mikrobiologiya, Vol XXIX, No 1,
1960, pp 154-156.

AIBS

Sci
Dec 60

134, 724

The Stimulatory Effect of Gibberellins from Different
Sources, by N. A. Kuznetsov, N. M. Chaykovskaya,
G. K. Skryabin, Yu. M. Khoklova, I. V. Ulezlo,
T. N. Konstantinova, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XXXI, No 4,
1958, pp 755-.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

92,023

On the Interaction of High-Energy Particles With
Nuclei, by A. P. Zhdanov, I. B. Berkovich, K. I.
Ermakova, F. G. Lepekhin, N. V. Skirda, Z. S.
Khokhlova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 6, 1957,
pp 1093-1096.

Amer Inst of Phys
Sov Phys-"Doklady"
Vol II, No 4

Sci - Phys

May 58

auth

63,717

Study of Conditions for Separation of Antibiotics
of Mycetin-Violarin Group by Paper Chromato-
graphy by G. E. Yakubov, and Yu. M. Khokhlova,
5 pp.

RUSSIAN, per, Mikrobiologiya, VOL. XXXI, No 3,
1962, pp 526-533.

QB

243,309

Sci
Nov 63

CHARACTERISTICS OF CENTRIFUGAL DEPTH PUMPS
FOR LOWERING THE WATER LEVEL IN MINES, BY
D. M. KHOKHLOVKIN, 6 PP.

RUSSIAN, PER, SHAKHTNOYE STROITEL'STVO,
NO 11, 1962, PP 28-29.

JPRS 17471

USSR
ECON
SCI - ENGR
FEB 63

221,311

Heats of Combustion of Isoprene and Products
of its Polymerization, by S. V. Lebedev,
M. A. Khokhlovkin, et al. 9 pp.
RUSSIAN, per, Zhurnal Prikladnoi Khimii, Vol 9,
1956, pp 1605ff.
SLA TT-61-16633

M. A. Khokhlovkin

Sci/Chemistry
Jul 66

305,990

Khokhlovkin, M. A. and Kalacheva, A. V.
DETERMINATION OF THE VAPOR DENSITY OF
1, 3-BUTADIENE. [1961] 5p. 1 ref.
Order from OTS or SLA \$1.10 61-20105

Trans. of Sinteticheskii Kauchuk (USSR) 1936 [v. 5]
no. 1, p. 28-30.

DESCRIPTORS: Butadienes, Vapors, Density.

(Unannounced)

61-20105

I. Khokhlovkin, M. A.
II. Kalacheva, A. V.

217153

Office of Technical Services

Utilization of Granulated Slags for Producing
Heavy Panelling and Cast Partitions, by K. I.
Khokholov. UNCL

RUSSIAN, bk, Experience in the Use of Blast
Furnace Granulated Slags in Structural Works;
Chap IV. (no year given) pp 97-120,

1957.

British Iron and
Steel Ind 1417
(16 15s.0d.)

Sci - Engr
Sep 59

ISIR LLU M. 547 (lean)

96, 041

SLA 59-22696

Changes in the Phase Composition in Loess-Like
Argillaceous Materials During the Forming of
Ceramics, by A. I. Bagaryi, L. A. Khelchol'kova,
3 pp.

RUSSIAN, per, Steklo i Keramika, Vol XVII, No 4,
1960, pp 29, 30.

GB

Sci

210,800

Sep 62

A Wide-Band Waveguide Directional Coupler, by R. M. Mashkovtsev, L. Z. Benasman, A. A. Khokhrev, 16 pp.

RUSSIAN, per, Radiotekh, Vol XV, No 4, 1960, pp 8-17.

FP

Sci -
Apr 61

146,496

Thirty Years of the Scientific Work of the Great
Phytopathologist of the USSR [N. A. Naumov], by
M. Knokhriakov.

RUSSIAN, Vestn Zashch Rast, 1940(5):146-147, 1940,
421 p. 42.

USDA Trans No 123

A-5188

USSR

Scientific - Biology, plant, protection, phytopathol-
ogist

Economic - Agriculture, plant, protection

R-2569

(DC-3114)

Reducing the Cost of Building Petroleum Refining
Plants, by A. I. Zel'kovich, P. A. Khokhryakov,
116 pp.

RUSSIAN, bk, Puti Snizheniya Stoimosti Sooruzheniya
Neftepererabatyvayushchikh Zavodov, 1959, pp 3-106.

JPRS 3471

USSR

Econ - Technological, petroleum refining

3-1 60

119,794

Chemical Study of Phenoxymethylpenicillin. Part 6.
Preparation and Properties of β -Phenoxymethylpenilloi-
namide of Phenoxymethylpenicilloic Acid, by ~~Andriy~~
A. S. Khoklov, E. V. Kachalina.

RUSSIAN, per, Antibiotiki, Vol V, No 5, 1960, pp 41-44

ATS RJ-4182

Sci - Biol & Med Sci
Dec 63

244,888

32
Combination of Immunization With Pingue
Vaccine With the Administration of Streptomycin,
by D. I. Khoshlov, 9 pp.
RUSSIAN, per, Zhur Mikrobiolog. Epidemiolog i
Immunizatsiya, No 5, 1964, pp 30-41.
JPRS 8 1964

Sci - Med
Jul 1964

262,702

18
Command and Communication in Motorized Infantry
Units, by V. Khoklov, 8 pp.

POLETH, per, Przeglad Wojsk Ladowych, No 12,
1964, pp 160-165.

DIA LI 295-D

ID 26760193-65

V. Khoklov

SLur-M11

Dec 65

294,129

61-22869

Khol, F.
DIRECT STABILISATION OF X-RAY RADIATION.
Jan 60.

Order from MT

MT Trans-97

Trans. of Hutnicke Listy (Czechoslovakia) 1957, v. 12,
no. 7, p. 614-616.

DESCRIPTORS: *X-rays, Stabilization.

(Physics-Optics, TT, v. 6, no. 5)

- I. Khol, F.
- II. MT Trans-97
- III. Tollemache, M. de O.
(Gt. Brit.).

Office of Technical Services

Electrodeposited Foils for Use as Magnetic Materials
in Communication Technology, by F. Khol.

CZECH, per, Slaboproudy Obzor, Vol XVI, No 6, 1955,
pp 323-327.

Brutcher Tr 3974
\$6.90

Sci - Min/Metals

Jan 58

57,036

Direct Stabilisation of X-Ray Radiation, by
F. Khol.
CZECH, per, Hutnicke Listy, Vol. 12, No. 7,
1957, pp 614-616
GB/228/MT 97-

F. Khol

Sci -
Aug 67

336-086

Momographic Determination of Permissible
Distances and Protective Screens Against Gamma
Radiation, by Frantisek Khol, 6 pp.

GERMAN, per, Jaderna Energie, Vol VIII, No 6,
1962, pp 205-207.

AFC-Tr-6101

Sci - Mat & Met
Jan 64

248,777

The Properdin System and its role in Infection and
Immunity--I. Preparation of Active Zymosan,
by V. D. Nikitina, N. V. Kholchev, Z. M. Andreyeva,
9 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol; Immunobiol,
Vol XXXI No 8, 1960, pp 12-18.

PR

Sci

Aug 61

164,159

SHCHERBAKOV, V. B.
KHOLCHEVA, T. S.

Zavodskaya Laboratoriya, vol. 9, 1 figure, 7
tables, 3000 words; 1940.

Potentiometric Determination of Cobalt in Cemented
Carbide Compositions.

Brutcher Trans. Order No. 1667, \$4.50

A-5189

Breast

Complex Treatment of Breast Cancer, by S. A.
Kholdin, 6 pp

RUSSIAN, per, Voprosy Onkologii Vol V, No 3,
1959, pp 308-312

Pergamon Press

Sci

Feb 60

109,330

Malignant Neoplasms of the Thyroid Gland, by S. A. Kholdin.

RUSSIAN, per, Sovrem Probl Onkol, Vol VII, Moscow, 1955, pp 3-13.

NIH 121

Sci - Med

Sep 58

73,280

Proceedings of the 52nd Meeting of the Society of
Oncologists of Leningrad and Leningrad Province of
6 October 1960, By S. A. Kholdin, E. A. Tsel',
4 pp.

RUSSIAN, per, Voprosy Onkolog, Vol VII, No 3, 1961.

Royer & Roger

Sci
Mar 62

18³,866

Methods and Results of Treatment of Patients With
Cancer of the Mammary Gland, by S. A. Kholdin, 6 pp.

RUSSIAN, per, Voprosy Onkol, Vol v, No 11, 1959,
pp 515-519.

FP

Sci

Sep 60

126,200

Proceedings of the 58th Meeting of the Scientific
Society of Oncologists of Leningrad and Leningrad
Province of 5 April 1961, by S. A. Kholdin,
L. Yu. Dymarskiy, 5 pp.

RUSSIAN, per, Voprosy Onkolog, Vol VII, No 10,
1961, pp 120-124.

PP

Sci
Aug 62

208,098

AEC-tr-4509(p.78-89) Uncl.

INVESTIGATION OF CERTAIN CHARACTERISTICS OF
ZENON AND ARGON PLASMA BEHIND A POWERFUL SHOCK
WAVE. S. R. Kholev. Translated from
Voprosy Magnit. Gidrodinamiki i Dinamiki
Plazmy, Trudy Konf., Akad. Nauk Latv. S.S.R.,
Inst. Fiz., Riga, 1958, 93-105(1959).

C-34 P NSA

N-3

Equilibrium Parameters of a Strong Shock Wave in
Monoatomic Gases and Hydrogen, by S. R. Eshlev,
10 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Fiz, No 4,
1959, pp 28-37.

ACSI H-9297
ID 2170448

Sci - Phys
Aug 61

162,933

Rept Interim
TN 1 E57 No 502

Acceleration of the Plasma of a Discharge and Production
of Strong Shock Waves in a Camera With Coaxial Electrodes
by S. R. Kholev, D. S. Peltavchenko, 5 pp

RUSSIAN, part, Dok Ak Nauk SSSR, Vol CXXXI, No 5, 1960,
pp 1060-1063.

AIP
Sov Phys - Doklady
Vol V, No 2

Sci
Nov 60

132, 776

(NY-4178)

Acceleration of Discharge Plasma and the
Production of Strong Shock Waves in a Chamber
With Coaxial Electrodes, by S. R. Kholev, D. S.
Poltavchenko, 9 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXI, No 5,
1960, pp 1060-1063.

JPRS 5871

Sci - Phys

Oct 60

130,850.

The Problem of the Sensitivity of Explosive
Materials to Impact in a Stamping Machine, by
N. A. Kholova.

RUSSIAN, per, Trudy Kazan Khim Tekh Inst,
Vol I, 1946, pp 91-106

XI, 1957, pp 116-129

T.I.L. T.-4680

Sci - Chemistry, Engineering

Aug 1956

36,925

New Data in Regard to the Sensitivity of Compacted
Explosive Substances to Mechanical Impact, by
N. A. Kholovo.

RUSSIAN, per, Trudy Kazan Khim Tekh Inst, Vol
X, 1946, pp 91-106.

T.I.L. T.4679

Sci - Engineering, Chemistry

Aug 1956

36,928

TT-65-63755

Field 1A

Kholiavko, V. I.
HYPERSONIC GAS FLOW AROUND POWER-LAW BODIES
AT A SMALL ANGLE OF ATTACK (Obtekanie Tel Stepennoi
Formi pod Malym Ugolom Ataki Giperzvukovym Potokom
Gaza), Tr. by J. B. Gazley, 9 Feb 65, 12p, 3refs,
LT-64-59.

Available on loan only from CFSTI as TT-65-63755

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii, Aviat-
sionnaya Tekhnika (USSR) v7 n3 p3-10 1964.
See also 'Translated or Abstracted Publications,' in
TT Vol. 14, No. 8.
Another trans. is available from SLA \$1.60 as TT-65-12184,
11p.
Available copy will not permit fully legible reproduction.

The Formation of Irrigation Cones at the Exploitation of Wells, by A. I. Kholin.

RUSSIAN, per, Neft Khoz, Vol VI, 1957, pp 32-35.

Tech and Com
\$25.00

Sci - Engr

Apr 58

62,206

Differentiation of Oil-Bearing and Water-Bearing
Beds by Radioactive Methods in Cased Wells, by
A. I. Kholin, 16 pp.

Full translation.

RUSSIAN, bk, Conference of the Academy of Sciences
of the USSR on the Peaceful Uses of Atomic Energy,
1-5 Jul 1955, Session of the Division of Technical
Science, p 267

GPO

35,342
Consultants Bureau
259 West 14th St,
New York 11, N.Y.

Geophysics
Sci - Nuclear Physics

*87 rpts for \$350.00

(NY 4851)

Television Radio Relay Line, by A. T. Kholin,
11 pp.

RUSSIAN, per, Vestnik Svyazi, No 3, 1959.

JPRS 5996

Sci

Feb 61

139, 238

Kholin, I. I., Malinin, J. S., and Entin, S. B.
KINETICS OF THE BURNING PROCESS. Pt. I on
the Effect of Barium Oxide on Clinker Formation.
[1962] 8p. 8 refs.
Order from SLA \$1.10

62-18011

Trans. of Silikat Technik (East Germany) 1961, v. 12,
no. 6, p. 278-280.

DESCRIPTORS: *Cements, Manufacturing methods,
Furnaces, *Barium compounds, Oxides, Combustion,
*Reaction kinetics.

We studied the effect of a replacement of a part of
CaO in the raw mix by an equimolecular BaO-quantity
on the rate (kinetics) of clinker formation and the
viscosity of the liquid phase. (Author)

(Engineering--Chemical, TT, v. 8, no. 10)

62-18011

- I. Title: Clinker formation
- I. Kholin, I. I.
- II. Malinin, J. S.
- III. Entin, S. B.
- IV. Title: Effect...

C226312

Office of Technical Services

Interaction of Clinker Silicates with Barium
Oxide, by I. I. Kholin, Z. Y B. Entin, 9 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIV,
No 7, 1961, pp 1419-1429.

CB

Sci

May 62

195,856

(NY-1840)

A SURVEY OF THE CEMENT MACHINE BUILDING
INDUSTRY, BY I. KHOLIN, 7 PP.

RUSSIAN, NP, EKON GAZETA, NO 21, 19 MAY 1962,
P 13.

JPRS 14807

USSR
ECON
AUG 62

206,922

(NY-2800)

Broadening the Variety and Improving the
Quality of Cement, by I. I. Kholin, 7 pp.

RUSSIAN, per, Tsement, No 1, Jan/Feb 1962,
pp 3-5.

JPRS 13673

USSR
Recd
May 62

193, 479

TT-64-11548

Kholodov, Yu. A.
FORMATION OF CONDITIONED REFLEX RESPONSES
TO A MAGNETIC FIELD IN FISH (Obrazovanie
Usloynykh Refleksov na Magnitnoe Pole u Ryb). Jan 64,
13p 6refs N64-12962.
Order from OTS \$0.50

NASA-TT-F-190

Trans. of Akademiya Nauk SSSR. [Ikhtologicheskaya
Komissiya]. Trudy Soveshchani, 1958, no. 8,
p. 82-89. (Abstract available)

DESCRIPTORS: Fishes, *Conditioned reflex, *Magnetic
fields.

In experiments performed on carp, the possibility of
forming reflexes or inhibitions with respect to a
magnetic field was established. The threshold of
perception of a magnetic field was from 10 to 30
oersteds. Neither denervation of the lateral-line
organs nor removal of the eyes disturbed the condi-
tioned response. (NASA abstract)

- I. Kholodov, Yu. A.
- II. NASA-TT-F-190
- III. N64-12962
- IV. National Aeronautics
and Space Administra-
tion, Washington, D. C.

64083

(Biological Sciences--
Physiology, TT, v. 11, no. 5)
Office of Technical Services

Formation of Conditioned Reflex Responses to a
Magnetic Field in Fish, by Yu. A. Kholodov, 13 pp.

RUSSIAN, per, Trudy Soveshchaniya po Fiziologii
Ryb, Akademiya X Nauk SSSR, No 8, 1958, pp 82-89.
9217322

NASA TT P-190

. Sci-Physics
Feb 64

248,432

Conditioned Inhibition and Conditioned
Disinhibition in Chimpanzees, Sphinx
Baboons and Dogs, by S. M. Makokina,
Yu. A. Kholodov, 5 pp.

RUSSIAN, per, x Zhur Vysshev Nerv
Rg Deyatel imeni I. P. Pavlova, Vol IX,
No 4, 1959, pp 555-560.

PP

192,557

Sci
Feb 62

NCH-201 865

Field 111

Kholodova, Yu. D.; Sharpatyi, V. A.
RADIATION-INDUCED CROSSLINKING OF POLYELECTRO-
LYTES DERIVED FROM POLYACRYLAMIDE. 1965,
8p. ATS-38585R.
Order from ATS: \$11.75 as ATS-38585R

Trans. of Vysokomolekulyarnye Soedineniya (USSR)
v7 n5 p795-801 1965.

I. Associated Technical
Services, Inc.,
East Orange, N. J.

S-31/60

(NY-3431)

The Course of Acute Radiation Sickness in Rats
During the Period of Transferring Them to
Independent Feeding, by V. V. Kholin (Leningrad),
3 pp.

RUSSIAN, per, Med Radiol, Vol IV, No 5, 1959,
p 85, 86.

JPRS 2860

Sci - Med

122,629

Aug 60

(NY-5171)

Characteristics of Thymic Injury From the Effect
of Ionizing Radiation, by V. V. Kholin, 6 pp.

RUSSIAN, per, Medit Radiol, No 8, 1960.

JPRS 7198

Sci

Dec 60

134,318

8-4932

(NY-8287)

The Sensitivity of Newborn Rats to Various Doses of
Penetrating Radiation, by V. V. Kholin, 7 PP

RUSSIAN, per, Med Radiolog, No 2, 1958, pp 49-52.

JPRS 1990-X

Sci - Med, Radiation sickness,
radiology
Apr 59

85,374

(NY-6708)

Peculiarities in the Course of Acute Radiation
Sickness in Young Rats, by V. V. Kholin,
12 pp.

RUSSIAN, per, Medit Radiol, Vol VI, No 3,
1961.

JPRS 11242

177,469

Sci - Med
Dec 61

(SF-1878)

Konstantin Grigor'yevich Khomyakov, by Ya. I.
Gerasimov, V. A. Kholler, G. P. Khomchenko, 3 pp.

RUSSIAN, per, Zhur. Fiz Khim, Vol XXXV, No 1, 1961,
pp 228-229.

JPRS 10277

USSR

174,093

Biog

Nov 61

The Question of the Possibility of Measuring the
Temperature of the Column of a Jet Discharge Using
the 3064 Å Hydroxyl Band, by M. Z. Kholkov, 6 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz,
Vol XXIX, No 5, Nov 1955, pp 645-650.

Amer Inst of Physics
Soviet Physics, Vol II, No 3

Sci - Physics
Feb 57 CTS

43,789

Investigation of the Kinetics of the Cyaniding Process
of Silver, by L.A. Bakovskii, U.B. Kholmanskiikh.
RUSSIAN, per. Akad. Nauk SSSR, Otd. Metallurgii i Topliva,
No 5, 1959, pp 97-106.
(EACHUM/Tot: 386)

U.B. Kholmanskiikh

Sci -
Aug 67

339.940

On the Nature of "Secondary" Potentials in
Fused E Salts, by L. N. Antipin, Yu. B.
Kholmanskikh.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI,
1957, pp 232-237.

Consultants Customs Tr
GCT-240B
\$31.50

Sci - Chem

Mar 59 .

83,468

R-900

(DC-1042).

Tram-Polish Press With Rated Capacity of 3,500-
Ton, by M. F. Kholmogorov, (Technical Data on
Soviet Heavy Machinery From the Bulletin of
Technical and Economic Information, 1957),
3 pp. UNCLASSIFIED

RUSSIAN, per, Byull Tekh-Ekon Informatsii,
No 7, Moscow, 1957, pp 14, 15.

US RND/DC-352

77,867

USSR

Heon - Heavy machine building Jan 59 59

61-28322

Kholmogorov, V. E. and Terenin, A. N.
LIGHT-INDUCED ESR (SIGNAL) IN CRYSTALLINE
CHLOROPHYLL, IN THE PRESENCE OF WATER
VAPOR. 31 July 61, 9p. 9 refs.

Order from OTS or SLA \$1.10 UCRL Trans-693

Trans. of Akademiya Nauk SSSR. Doklady, 1961,
v. 137, no. 1, p. 199-202.

DESCRIPTORS: *Water vapor, *Chlorophylls, USSR,
Photoconductivity, Plant pigments, Photosynthesis,
Regeneration, Plants, Growth, *Light, Physiology

The presence of dark and light ESR signals, in crys-
talline and amorphous chlorophyll was disclosed in
connection with measurements that were carried out
simultaneously on photoconductivity and photoelectro-
motive force in natural and synthetic pigments. The
light-induced ESR signal would disappear, reversibly
(Agriculture--Plant Cultivation, TT, v. 6, no. 12)(over)

- I. Kholmogorov, V. E.
- II. Terenin, A. N.
- III. UCRL Trans-693
- IV. Lawrence Radiation Lab.,
U. of California,
Berkeley

Office of Technical Services

Determination of the Rate of Growth of Hydrargillite
Particles in an Aluminate Solution by the Linear
Growth of the Crystal Faces, by A. N. Lyapunov,
E. P. Kholmogortseva, 7 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXX, No 10, 1957,
pp 1535-1541.

Consultants Bureau

Sci - Chem
Jan 59

78,061

Determination of the Growth Rate of Hydrargillite
Particles in an Aluminate Solution by the
Linear Growth of the Crystal Faces, by A. N.
Lisapunov, E. P. Kholmogortseva, 4 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXX, No 9,
1957, pp 1306-1310.

Consultants Bureau

Sci - Chem

Dec 58

77,720

Light-Induced EPR Signal in Crystalline
Chlorophyll in Presence of Water Vapor, by
V. E. Kholmogorov, A. N. Terenin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXVII,
Nos 1-3, 1961, pp 199-202.

AIP
Soviet Physics
Vol VI, No 3

Sci

169, 335

Sep 61

NCH-202 551

Field 13M, 13C

Kholmynskii, M. I.
STANDARDIZATION OF INSERTS FOR PRECAST
REINFORCED CONCRETE UNITS OF LARGE PANEL
RESIDENTIAL BUILDING (Tipizatsiya Zakladnykh
Detalei Sbornykh Zhelezobetonnykh Elementov Zhilykh
Krupnopanelnykh Zdanii). Tr. by G. Belkov. 1965, 15p.
NRC-TT-1196; NRC-C-5567.
Order from NRC: \$1.00 as C-5567

Trans. of Beton i Zhelezobeton (USSR) v10 n8 p368-75
1964.

I. National Research
Council of Canada,
Ottawa (Ontario)

64
Standardization of Inserts for Precast
Reinforced Concrete Units of Large Panel
Residential Buildings, by M. I. Kholmyanskiy.
RUSSIAN, per, Beton i Zhelozobeton, Vol 10,
No 8, 1966, pp 368-375.
RL Ref: 87328 1966 (1196)

M. I. Kholmyanskiy

Sci-MQ/M
Aug 66

308,553

Transmission of Stress to Concrete by the
Steel in Prestressed Members, by E. G. Ratts,
M. M. Kholmyanskiy, V. M. Kol'nev, 28 pp.

RUSSIAN, per, Beton i Zhelezobeton, No 1,
1958, pp 4-13.

SLA 60-15378

Sci
Sep 61

169,362

Basic Problems in the Calculation of the Cohesion
Between Reinforcement with a Periodic Profile and
Concrete in Centrally Reinforced Prismatic Members, by
M. M. Kholmyanskiy, 4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 48-.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 6

Sci

Jul 60

120,663

Gamma Radiation of AG¹⁰. by Dzhelepov, B. S.,
Zhukovskii, N. N., and Khol'nov, Yu. V.

RUSSIAN, per, Doklady Akademii Nauk SSSR, 1951, Vol 77,
pp 597-598

Sci Museum Lib No 52/0988

AECT 1125

A-5190

Gamma Radiation of Cobalt 60, by B. S. Dzhelepov,
N. Zhukovskiy, Yu. Khol'nov, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVII,
No 2, 1951, pp 233-236.

Sci Mus Lib No 56/3146

Sci - Chemistry

44, 028

TT-65-27642

Field 7D

Arutyunyan, E. A.; Khoinov, Yu. V.; Shchukin, G. E.
POSSIBLE APPLICATION OF A TOROIDAL SECTORIAL
MAGNETIC FIELD IN GAMMA-SPECTROMETRY
(Vozmozhnost Ispolzovaniya Toroidalnogo Sektornogo
Magnitnogo Polya v Gamma-Spektrometrii). 10p.
CSRI-Tr-420.
Order from CSIR as CSIR-Tr-420

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya
Fizicheskaya, v27 n2 p177-81 1963.
See also 'Translated or Abstracted Publications,'
in TT Vol. 14, No. 8.

I. Council for Scientific and
Industrial Research,
Pretoria (South Africa)

European Translations Centre

The Phototron (A Gamma-Spectrometer for the
Low-Energy Region), by B. S. Dzhelepov,
Yu. V. Khal'nov, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXV,
No 1, 1961, pp 98-105.

OTZ

Sci

11 Jun 62

198,783

Gamma-Spectrum of Eu^{152, 154} in the 245 to 500 and
1450 to 2000 Kev Energy Intervals, by B. S.
Dzhelepov, Yu. V. Khol'nov, 4 pp

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIV,
No 3, 1960, pp 300-303

CTT

Sci
May 61

152, 380

Gamma-spectrum of La^{140} , by V. P.
Prikhodtseva, Yu. V. Khol'mov, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XXII, No 2, 1958, pp 176-178.

Columbia Tech

Sci - Phys

Apr 59

85,760

$0^+ \rightarrow 0^+$ Transition in Ca^{40} , by B. S.
Dzhalepov, V. P. Prikhodtseva, Yu. V. Khod'nov,
3 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CXXI, No 6,
1958, pp 995-997.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 4

Sci - Phys

Jul 59

91,930

Is Urea An Irreversible End Product of
Nitrogen Metabolism in the Animal Organism?
by E. Martinson, Kh. Lind, V. Khollo, 5 pp.

RUSSIAN, per, Biokhim, Vol XXIII, No 6,
1958, pp 835-839.

Consultants Bureau

Sci - Biol, Chem
Jul 59

91,280

Gamma-Spectrum of As^{76} , by B. S. Dzholapov, V. P.
Prikhoditsava, A. I. Feoktistov, Yu. V. Kolmogorov, 4 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Fiz, Vol XX,
No 12a, 1956, pp 1361-1364.

Columbia Tech

Sci - Physics
Mar 58

59,650

Gamma-Radiation from Au¹⁹⁸, by B. S. Izabelaev,
N. N. Zhukovski, V. P. Prikhodtseva, M. V.
Khol'nov, 5 pp.

RUSSIAN, bino per, Iz Ak Bank SSSR, Ser Fiz,
Vol XIX, No 3, 1955, pp 271-276.

Columbia Tech Tr

Sci - Physics
Apr 57 CTS

45,668

The Gamma-Spectrum of Ir^{192} , by N. P. Glazunov,
B. S. Dzhalapov, In. V. Khol'nov, 2 pp.

RUSSIAN, bino per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XIX, No 3, 1955, pp 294-295.

Columbia Tech Tr

Sci - Physics
Apr 57 CES

45,678

The Ritron - A Gamma-Spectrometer Utilizing
Recoil Electrons, by B. S. Dzhelepov, N. N.
Zhukovskiy, Yu. V. Khol'nov, 27 pp.

RUSSIAN, bino per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XVIII, No 5, 1954, p 599. CIA C 40041

Columbia Tr

Scientific - Physics
CIS 75/Dec 55

29,504